

1600

RAW SEQUENCE LISTING

DATE: 10/30/2002

PATENT APPLICATION: US/09/627,896A

TIME: 12:57:43

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         COLLINS, MARY
                                                                ENTERED
 8
         GOLDMAN, SAMUEL
 9
         GRAY, GARY S.
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         KNIGHT, ANDREA
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         O'HARA, DENISE
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         RUP, BONITA
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         VELDMAN, GEERTRUIDA M.
15 <120> TITLE OF INVENTION: HUMANIZED IMMUNOGLOBULIN REACTIVE WITH B7-2 AND METHODS
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20 <140> CURRENT APPLICATION NUMBER: 09/627,896A
21 <141> CURRENT FILING DATE: 2000-07-27
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288

RAW SEQUENCE LISTING DATE: 10/30/2002 PATENT APPLICATION: US/09/627,896A TIME: 12:57:43

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DATE: 10/30/2002

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| 273 274 | Gln | Lys | Phe | Lys | Gly 85 | Lys | Ala | Thr | Met | Thr 90 | Val | Asp | Lys | Ser | Thr 95 | Ser | |
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| 308 | gta | agc | tta | 20 gga | gag | agg | gcc | act | 25 att | agc | tgc | | | agt | cag | agt | 144 |
| 308 309 | gta | agc | tta Leu | 20 gga | gag | agg | gcc | act | 25 | agc | tgc | | | agt | cag | agt | 144 |
| 308 309 310 | gta Val | agc Ser | tta Leu 35 | 20 gga Gly | gag Glu | agg Arg | gcc Ala | act Thr. | 25 att Ile | agc Ser | tgc Cys | Lys | Ser 45 | agt Ser | cag Gln | agt Ser | |
| 308 309 310 312 | gta Val ctg | agc Ser | tta Leu 35 aac | 20 gga Gly agt | gag Glu aga | agg Arg | gcc Ala cga | act Thr. 40 gag | 25 att Ile aac | agc Ser | tgc Cys ttg | Lys gct | Ser 45 tgg | agt Ser tac | cag Gln cag | agt Ser cag | 144 |
| 308 309 310 312 313 | gta Val ctg | agc Ser ctc Leu | tta Leu 35 aac | 20 gga Gly agt | gag Glu aga | agg Arg | gcc Ala cga Arg | act Thr. 40 gag | 25 att Ile | agc Ser | tgc Cys ttg | Lys gct Ala | Ser 45 tgg | agt Ser tac | cag Gln cag | agt Ser cag | |
| 308 309 310 312 313 314 | gta Val ctg Leu | agc Ser ctc Leu 50 | tta Leu 35 aac Asn | 20 gga Gly agt Ser | gag Glu aga Arg | agg Arg acc Thr | gcc Ala cga Arg 55 | act Thr. 40 gag Glu | 25 att Ile aac Asn | agc Ser tac Tyr | tgc Cys ttg Leu | Lys gct Ala 60 | Ser 45 tgg Trp | agt Ser tac Tyr | cag Gln cag Gln | agt Ser cag Gln | 192 |
| 308 309 310 312 313 314 316 | gta Val ctg Leu | agc Ser ctc Leu 50 cca | tta Leu 35 aac Asn | 20 gga Gly agt Ser | gag Glu aga Arg | agg Arg acc Thr | gcc Ala cga Arg 55 aaa | act Thr. 40 gag Glu ctg | 25 att Ile aac Asn ctg | agc Ser tac Tyr | tgc Cys ttg Leu | Lys gct Ala 60 tgg | Ser 45 tgg Trp gca | agt Ser tac Tyr | cag Gln cag Gln | agt Ser cag Gln | |
| 308 309 310 312 313 314 316 317 | gta Val ctg Leu aaa Lys | agc Ser ctc Leu 50 cca Pro | tta Leu 35 aac Asn 999 Gly | 20 gga Gly agt Ser cag Gln | gag Glu aga Arg cct Pro | agg Arg acc Thr cct Pro | gcc Ala cga Arg 55 aaa Lys | act Thr. 40 gag Glu ctg Leu | 25 att Ile aac Asn ctg Leu | agc Ser tac Tyr atc Ile | tgc Cys ttg Leu tac Tyr | Lys gct Ala 60 tgg Trp | Ser 45 tgg Trp gca Ala | agt Ser tac Tyr tcc Ser | cag Gln cag Gln act | agt Ser cag Gln agg Arg | 192 |
| 308 309 310 312 313 314 316 317 318 | gta Val ctg Leu aaa Lys 65 | agc Ser ctc Leu 50 cca Pro | tta Leu 35 aac Asn ggg Gly | 20 gga Gly agt Ser cag Gln | gag Glu aga Arg cct Pro | agg Arg acc Thr cct Pro 70 | gcc Ala cga Arg 55 aaa Lys | act Thr. 40 gag Glu ctg Leu | 25 att Ile aac Asn ctg Leu | agc Ser tac Tyr atc Ile | tgc Cys ttg Leu tac Tyr 75 | Lys gct Ala 60 tgg Trp | Ser 45 tgg Trp gca Ala | agt Ser tac Tyr tcc Ser | cag Gln cag Gln act Thr | agt Ser cag Gln agg Arg 80 | 192 |
| 308 309 310 312 313 314 316 317 318 320 | gta Val ctg Leu aaa Lys 65 gaa | agc Ser ctc Leu 50 cca Pro | tta Leu 35 aac Asn ggg Gly | 20 gga Gly agt Ser cag Gln | gag Glu aga Arg cct Pro | agg Arg acc Thr cct Pro 70 gat | gcc Ala cga Arg 55 aaa Lys | act Thr. 40 gag Glu ctg Leu | 25 att Ile aac Asn ctg Leu | agc Ser tac Tyr atc Ile | tgc Cys ttg Leu tac Tyr 75 | Lys gct Ala 60 tgg Trp | Ser 45 tgg Trp gca Ala | agt Ser tac Tyr tcc Ser | cag Gln cag Gln act Thr | agt Ser cag Gln agg Arg 80 gat | 192 |
| 308 309 310 312 313 314 316 317 318 320 321 | gta Val ctg Leu aaa Lys 65 gaa | agc Ser ctc Leu 50 cca Pro | tta Leu 35 aac Asn ggg Gly | 20 gga Gly agt Ser cag Gln | gag Glu aga Arg cct Pro | agg Arg acc Thr cct Pro 70 gat | gcc Ala cga Arg 55 aaa Lys | act Thr. 40 gag Glu ctg Leu | 25 att Ile aac Asn ctg Leu | agc Ser tac Tyr atc Ile ggc Gly | tgc Cys ttg Leu tac Tyr 75 | Lys gct Ala 60 tgg Trp | Ser 45 tgg Trp gca Ala | agt Ser tac Tyr tcc Ser | cag Gln cag Gln act Thr | agt Ser cag Gln agg Arg 80 gat | 192 |
| 308 309 310 312 313 314 316 317 318 320 321 322 | gta Val ctg Leu aaa Lys 65 gaa Glu | agc Ser ctc Leu 50 cca Pro tct Ser | tta Leu 35 aac Asn ggg Gly | 20 gga Gly agt Ser cag Gln gtc Val | gag Glu aga Arg cct Pro cct Pro 85 | agg Arg acc Thr cct Pro 70 gat Asp | gcc Ala cga Arg 55 aaa Lys cgc Arg | act Thr. 40 gag Glu ctg Leu ttc Phe | 25 att Ile aac Asn ctg Leu agt Ser | agc Ser tac Tyr atc Ile ggc Gly 90 | tgc Cys ttg Leu tac Tyr 75 agt Ser | Lys gct Ala 60 tgg Trp gga Gly | Ser 45 tgg Trp gca Ala tct Ser | agt Ser tac Tyr tcc Ser ggg Gly | cag Gln cag Gln act Thr aca Thr | agt Ser Cag Gln agg Arg 80 gat Asp | 192 240 288 |
| 308 309 310 312 313 314 316 317 318 320 321 322 324 | gta Val ctg Leu aaa Lys 65 gaa Glu | agc Ser ctc Leu 50 cca Pro tct Ser | tta Leu 35 aac Asn ggg Gly ggg Gly | 20 gga Gly agt Ser cag Gln gtc Val | gag Glu aga Arg cct Pro cct Pro 85 atc | agg Arg acc Thr cct Pro 70 gat Asp | gcc Ala cga Arg 55 aaa Lys cgc Arg | act Thr. 40 gag Glu ctg Leu ttc Phe | 25 att Ile aac Asn ctg Leu agt Ser | agc Ser tac Tyr atc Ile ggc Gly 90 gct | tgc Cys ttg Leu tac Tyr 75 agt Ser | gct Ala 60 tgg Trp gga Gly | Ser 45 tgg Trp gca Ala tct Ser | agt Ser tac Tyr tcc Ser ggg Gly | cag Gln cag Gln act Thr aca Thr 95 gtt | agt Ser cag Gln agg Arg 80 gat Asp | 192 |
| 308 309 310 312 313 314 316 317 318 320 321 322 324 325 | gta Val ctg Leu aaa Lys 65 gaa Glu | agc Ser ctc Leu 50 cca Pro tct Ser | tta Leu 35 aac Asn ggg Gly ggg Gly | 20 gga Gly agt Ser cag Gln gtc Val | gag Glu aga Arg cct Pro cct Pro 85 atc | agg Arg acc Thr cct Pro 70 gat Asp | gcc Ala cga Arg 55 aaa Lys cgc Arg | act Thr. 40 gag Glu ctg Leu ttc Phe | 25 att Ile aac Asn ctg Leu agt Ser cag Gln | agc Ser tac Tyr atc Ile ggc Gly 90 gct | tgc Cys ttg Leu tac Tyr 75 agt Ser | gct Ala 60 tgg Trp gga Gly | Ser 45 tgg Trp gca Ala tct Ser | agt Ser tac Tyr tcc Ser ggg Gly gca Ala | cag Gln cag Gln act Thr aca Thr 95 gtt | agt Ser cag Gln agg Arg 80 gat Asp | 192 240 288 |
| 308 309 310 312 313 314 316 317 318 320 321 322 324 325 326 | gta Val ctg Leu aaa Lys 65 gaa Glu ttc Phe | agc Ser ctc Leu 50 cca Pro tct Ser act | tta Leu 35 aac Asn ggg Gly ggg Gly ctc Leu | 20 gga Gly agt ser cag Gln gtc Val acc Thr 100 | gag Glu aga Arg cct Pro cct Pro 85 atc Ile | agg Arg acc Thr cct Pro 70 gat Asp | gcc Ala cga Arg 55 aaa Lys cgc Arg agt ser | act Thr. 40 gag Glu ctg Leu ttc Phe ctg Leu | 25 att Ile aac Asn ctg Leu agt Ser cag Gln 105 | agc Ser tac Tyr atc Ile ggc Gly 90 gct Ala | tgc Cys ttg Leu tac Tyr 75 agt Ser gaa Glu | Lys gct Ala 60 tgg Trp gga Gly gac Asp | Ser 45 tgg Trp gca Ala tct Ser gtg Val | agt Ser tac Tyr tcc Ser ggg Gly gca Ala 110 | cag Gln cag Gln act Thr aca Thr 95 gtt Val | agt Ser cag Gln agg Arg 80 gat Asp | 192 240 288 336 |
| 308 309 310 312 313 314 316 317 318 320 321 322 324 325 326 328 | gta Val ctg Leu aaa Lys 65 gaa Glu ttc Phe | agc Ser ctc Leu 50 cca Pro tct Ser act Thr | tta Leu 35 aac Asn ggg Gly ggg Gly ctc Leu acg | 20 gga Gly agt Ser cag Gln gtc Val acc Thr 100 caa | gag Glu aga Arg cct Pro cct Pro 85 atc Ile | agg Arg acc Thr cct Pro 70 gat Asp agc Ser tat | gcc Ala cga Arg 55 aaa Lys cgc Arg agt ser | act Thr. 40 gag Glu ctg Leu ttc Phe ctg Leu | 25 att Ile aac Asn ctg Leu agt Ser cag Gln 105 tac | agc Ser tac Tyr atc Ile ggc Gly 90 gct Ala | tgc Cys ttg Leu tac Tyr 75 agt Ser gaa Glu | Lys gct Ala 60 tgg Trp gga Gly gac Asp | Ser 45 tgg Trp gca Ala tct Ser gtg Val | agt Ser tac Tyr tcc Ser ggg Gly gca Ala 110 ggg | cag Gln cag Gln act Thr aca Thr 95 gtt Val | agt Ser cag Gln agg Arg 80 gat Asp tat Tyr | 192 240 288 |
| 308 309 310 312 313 314 316 317 318 320 321 322 324 325 326 328 | gta Val ctg Leu aaa Lys 65 gaa Glu ttc Phe | agc Ser ctc Leu 50 cca Pro tct Ser act Thr | tta Leu 35 aac Asn ggg Gly ggg Gly ctc Leu acg | 20 gga Gly agt Ser cag Gln gtc Val acc Thr 100 caa | gag Glu aga Arg cct Pro cct Pro 85 atc Ile | agg Arg acc Thr cct Pro 70 gat Asp agc Ser tat | gcc Ala cga Arg 55 aaa Lys cgc Arg agt ser | act Thr. 40 gag Glu ctg Leu ttc Phe ctg Leu | 25 att Ile aac Asn ctg Leu agt Ser cag Gln 105 | agc Ser tac Tyr atc Ile ggc Gly 90 gct Ala | tgc Cys ttg Leu tac Tyr 75 agt Ser gaa Glu | Lys gct Ala 60 tgg Trp gga Gly gac Asp | Ser 45 tgg Trp gca Ala tct Ser gtg Val | agt Ser tac Tyr tcc Ser ggg Gly gca Ala 110 ggg | cag Gln cag Gln act Thr aca Thr 95 gtt Val | agt Ser cag Gln agg Arg 80 gat Asp tat Tyr | 192 240 288 336 |

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/627,896A

DATE: 10/30/2002 TIME: 12:57:44

Input Set : A:\87020081.app

Output Set: N:\CRF4\10292002\I627896A.raw

L:865 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 23